Abstract ~~Of The Disclosure~~:

~~The invention relates to a~~ A communication device ~~comprising at least~~includes one processor to run at least two operating systems simultaneously. The at least two operating systems include a first operating system ~~comprising~~ for mobile station functions having a first group of threads, the mobile station functions including operations for communicating with another device, and a second operating system ~~comprising~~for data processing functions having a second group of threads, the data processing functions including operations for processing data internally in the communication device, where the operating systems communicate with each other. The communication device further ~~comprises~~includes at least one user interface, ~~mobile station functions and data processing functions, and that of said at least two operating systems the first operating system relates to running of mobile station functions, and the second operating system relates to running of data processing functions~~ provides for generating an interrupt, provides for selecting a thread to execute as a result of the interrupt including a common interrupt handler for the at least two operating systems, and provides for transmitting interrupt data to the operating system from which the thread was selected, including the thread to execute.